

ABSTRACT

An automatic parking brake system is provided in which a parking piston (23) that enables a parking brake state to be obtained by forward movement in response to a parking control fluid pressure acting on a rear face of the parking piston (23) is slidably fitted into a casing (22), and a lock mechanism (25) is provided within the casing (22) to the rear side of the parking piston (23) so as to automatically lock in response to forward movement of the parking piston (23) in order to mechanically lock the parking piston (23) at a forward position and unlock in response to a parking release control fluid pressure acting on the lock mechanism (25), the parking control fluid pressure and the parking release control fluid pressure being obtained by fluid pressure control means controlling a fluid pressure generated by a fluid pressure source. This enables an automatic parking brake state to be obtained by a simple structure without consuming power.